IN THE CLAIMS

1-11. (canceled)

12. (currently amended) The method according to claim 29 11, in which the first field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the header information field.

13. (currently amended) The method according to claim 29 11, in which the second field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the data information field.

14. (currently amended) The method according to claim 29 11, in which the control packet does not have the data information field.

15. (currently amended) The method according to claim 29 11, in which the structure includes a size such that the size of the header information field and the first field for error detecting or error correcting is the same in said control packet and said data packet.

16. (currently amended) The method according to claim 29 11, in which the control packet includes a tail code which indicates a termination of information in the respective control packet.

17. (previously presented) The method according to claim 16, in which the tail code is arranged at an end of the first field for error detecting or error correcting of the respective control packet.

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18. (currently amended) The method according to claim 29~~11~~, in which the data packet includes a tail code which indicates a termination of information in the respective data packet.

19. (previously presented) The method according to claim 18, in which the tail code is arranged after an end of the second field for error detecting or error correcting of the respective data packet.

20. (canceled)

21. (currently amended) The system according to claim 30~~20~~, in which the first field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the header information field.

22. (currently amended) The system according to claim 30~~20~~, in which the second field for error detecting or error correcting is usable to detect or correct an error or errors which occurred in the data information field.

23. (currently amended) The system according to claim 30~~20~~, in which the control packet does not have a data information field.

24. (currently amended) The system according to claim 30~~20~~, in which the structure includes a size such that the size of the header information field and the first field for error detecting or error correcting is the same in said control packet and said data packet.

25. (currently amended) The system according to claim 30~~20~~, in which the control packet further has a tail code which indicates a termination of information in the respective control packet.

26. (previously presented) The system according to claim 25, in which the tail code is arranged at an end of the first field for error detecting or error correcting of the respective control packet.

27. (currently amended) The system according to claim 30~~20~~, in which the data packet further has a tail code which indicates a termination of information in the respective data packet.

28. (previously presented) The system according to claim 27, in which the tail code is arranged after an end of the second field for error detecting or error correcting of the respective data packet.

29. (previously presented) A radio transmission method, comprising:

transmitting a control packet from one of a communication station of a number of communication stations or a control station; and

transmitting a data packet among said number of communication stations,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

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in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.

30. (previously presented) A radio transmission system, comprising:

a first transmitting unit operable to transmit a control packet; and

a second transmitting unit operable to transmit a data packet,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.

31. (canceled)

32. (previously presented) A medium having a computer program stored thereon, the computer program being executable by a computer device or devices to perform a radio transmission method, said method comprising:

transmitting a control packet from one of a communication station of a number of communication stations or a control station; and

transmitting a data packet among said number of communication stations,

each of said control packet and said data packet having a header information field and a first field for error detecting or error correcting, said data packet further having a data information field and a second field for error detecting or error correcting,

in which a structure of the header information field and the first field for error detecting or error correcting of said control packet is the same as that of the header information field and the first field for error detecting or error correcting of said data packet.